WC430 Integrated Slimline Dishwasher

Manual for Installation, Use and Maintenance

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Important

The CDA Group Ltd cannot be held responsible for injuries or losses caused by incorrect use or installation of this product. Please note that CDA reserve the right to invalidate the guarantee supplied with this product following incorrect installation or misuse of the appliance.

This appliance is not designed to be used by people (including children) with reduced physical, sensorial or mental capacity, or who lack experience or knowledge about it, unless they have had supervision or instructions on how to use the appliance by someone who is responsible for their safety.

Under no circumstances should any external covers be removed for servicing or maintenance except by suitably qualified personnel.

Appliance information:

Please enter the details on the appliance rating plate below for reference, to assist CDA Customer Care in the event of a fault with your appliance and to register your appliance for guarantee purposes.

Appliance Model	

Serial Number	

This appliance has been designed for domestic use only. Commercial use will invalidate the warranty.

CE Declarations of Conformity:

This appliance has been designed, constructed and marketed in compliance with safety requirements of EEC Directives 89/336/EC, 2006/95/EC, IEC436/DIN44990, EN 50242

IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH EC DIRECTIVE 2002/96/EC.

At the end of its working life, the product must be taken to a special local authority waste collection centre or to a dealer providing appliance recycling services.

Disposing of a household appliance separately avoids possible negative consequences for the environment and health. It also enables the constituent materials to be recovered, saving both energy and resources. As a reminder of the need to dispose of household appliances separately, the product is marked with a crossed-out wheeled dustbin.

Important

- Read the instructions prior to installation and use of the appliance.
- Do not lean or climb on the open dishwasher door to prevent damage.
- Close the dishwasher door after use to prevent accidents.
- Use only detergents, salt and rinse aid specifically designed for dishwashers.
- Do not put solvents in the dishwasher detergent compartment to prevent risk of explosion
- Only put dishwasher safe items into the dishwasher. If in doubt, check with the manufacturer of the items.
- Take care when loading the dishwasher to observe the recommendations for best loading practice, and also to ensure that sharp objects such as knives are placed blade down to prevent accidents.
- Do not open the dishwasher door when a programme is running. If it is necessary to do so, then open it only slightly to allow the dishwasher to pause the programme and prevent any water spilling out. Remember that the water in the dishwasher can be very hot when the programme is running.
- When the dishwasher is not in use, we reccomend that you turn off the water supply at the supply tap and disconnect the main supply.
- If you are leaving the dishwasher for an extended period you should leave the door slightly open to prevent the formation of unpleasant smells.

- The plastic housing on the water inlet pipe contains an electrically operated valve. The wires that connect to this valve are inside the inlet hose. Do not cut through the inlet hose, and do not put the plastic housing in water.
- Children could get locked inside the appliance. Therefore when disposing of an old appliance, cut off the plug and set aside, and damage the door lock so that the door can no longer be closed.

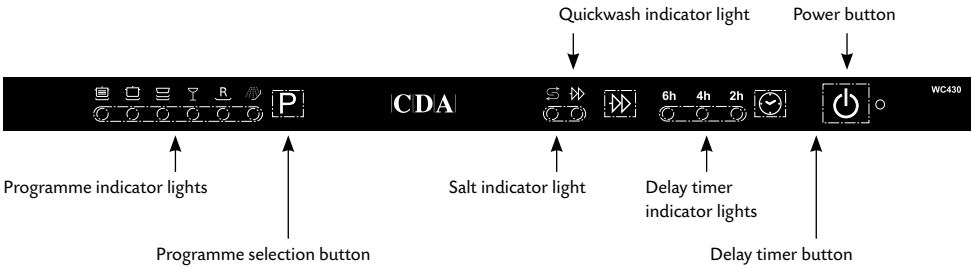
Recommendations

- To reduce energy and water consumption, remove all dirt residues from the dishes prior to loading the dishwasher.
- Only run the dishwasher when fully loaded.
- Place hollow items (bowls, glasses and pans) face down in the basket.
- Do not put dishes or cutlery with tobacco ash, wax, lubricating grease or paint residues in the dishwasher.

Before First Use

- Set the water softener level as required by the water hardness in the area.
- Add 2kg of salt into the salt compartment and then fill with water to the top of the salt compartment.
- Remove all the packaging materials from the interior of the dishwasher.
- Fill the rinse aid compartment.
- Run a hot programme without any dishes in the dishwasher.

Control Panel

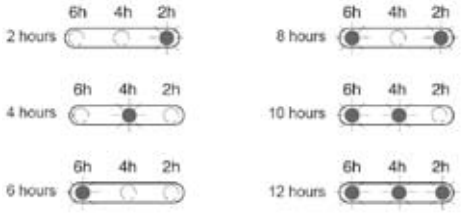


Starting a Programme

- Turn on the water tap
- Press the Power button.
- Press the Programme Selection button until the required programme light is illuminated.
  When you close the door, the dishwasher will beep once and the programme will start automatically.

The Delay Timer
This dishwasher is equipped with a variable delay timer which can be set for 2, 4, 6, 8, 10 or 12 hours' duration.

- To set the delay timer, first switch the dishwasher on by pressing the power button. Then press the delay timer button. The delay timer will switch on and the selected delay timer indicator will illuminate.
- To change the duration, press the delay timer button again until the required time is shown on the indicators as shown below.



- Once the delay timer is set, then select the programme as described above.
- To cancel the delay timer before the programme has begun, press the delay timer button repeatedly until all the indicator lights go out.

Quick wash function
This dishwasher is equipped with a function that reduces the duration of the wash, minimising water and energy consumption.

- To set the quick wash function, select a programme as described above and then press the quick wash button so the quick wash indicator light is illuminated.
- To cancel the quick wash function before the programme has begun, press the quick wash button and the quick wash indicator light will go out.

Cancelling or Changing a programme
If possible do not open the dishwasher door once the programme has started.

If it is necessary to cancel or change a programme once it has started, follow the steps below:

- First open the door slightly to reduce the risk of water spillage.
- Press the Programme Selection button for approximately three seconds until the Programme Indicators go out.
- Close the dishwasher door to allow the dishwasher to run a drain cycle.

Once the drain cycle is complete, the dishwasher can now be set to a new programme if necessary.

Please note: If the cancelled programme has already used the detergent and drained the wash water, the detergent dispenser must be refilled.

At the End of a Programme
When the dishwasher programme is complete, the dishwasher will beep six times and the Programme Indicators will go out. Open the dishwasher door.

- Press the Power button to switch off the dishwasher.
- Turn off the water tap and remove the plug from the power socket.

Please note: The dishwasher will automatically continue on the programme it has started if the door is opened or in the event of a power cut.

Detergent

To fill the detergent dispenser

1. Push the latch to open the dispenser.
2. Add the required amount of detergent to the main detergent dispenser. If your dishes are in need of an intensive wash, then add 5 cm^3 of detergent into the prewash section of the dispenser.
3. Then close the detergent dispenser lid until the latch locks.

Please note: You should only use detergents designed specifically for use in dishwashers.

Combination detergents (e.g. 3-in-1 tablets) must not be used in any quick wash programme.

If using dishwasher tablets, always use the detergent compartment, do not put them in the main body of the dishwasher or in the cutlery basket. The solubility of dishwasher tablets can vary depending on the temperature and duration of the programme. As a result, it is recommended that powder detergents should be used in the shorter programmes to allow better performance.

CDA recommends the use of separate detergent, rinse aid and dishwasher salt rather than combination tablets as separates achieve better wash performance.

If you do use combination detergents, add salt and rinse aid to the dishwasher and then adjust the water hardness setting and rinse aid setting to the minimum. When you then use separate detergents again, you should fill the salt and rinse aid compartments, adjust the water hardness setting to the maximum and run an empty wash, then adjust the water hardness setting and the rinse aid setting to the appropriate level.

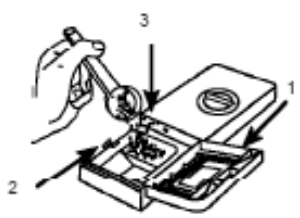


fig. 1

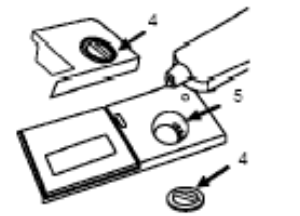


fig. 2

fig. 3

Salt

To ensure the best efficiency, the dishwasher needs soft water. Hard water means that lime residues remain on the dishes and the interior of the dishwasher, affecting performance. The softener system is designed to remove the ions that make the water hard to provide the best quality wash performance. This is achieved by using dishwasher salt.

To add dishwasher salt, follow the steps below:

1. Remove the lower dishwasher basket and then unscrew the salt compartment cap.
2. Fill the compartment with dishwasher salt (do not use table salt), carefully to prevent unnecessary spillage. Before first use, you should fill the compartment with 2kg of dishwasher salt and then fill up the salt compartment with water (up to the brim of the compartment) as shown in figure 3.
3. Replace the cap and the lower basket.

When the salt warning light on the control panel illuminates, you should refill the salt compartment with salt only – do not add water to the salt compartment after the first use.

You should run a programme immediately after adding dishwasher salt, to prevent any damage to the dishwasher systems.

Softener Adjustment

The efficiency of your dishwasher depends on the softness of the tap water. To ensure best efficiency, the dishwasher is equipped with a system that reduces the hardness in the mains water supply. The efficiency will increase when the system is correctly set. To find out the water harness level of your water supply contact your local water board.

To set the softener adjustment system unscrew the cap from the salt container and rotate the ring indicated in figure 4 according to the table below.

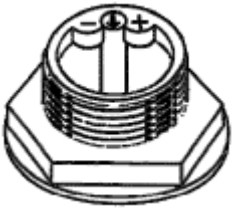


fig. 4

Water Hardness						
Level	Clarke degrees	°dH	mmol/l	Selector position	Salt consumption (Grams/cycle)	Autonomy (cycles/2kg)
1	0 - 14	0 - 17	0 - 1,7	/	0	/
2	14 - 36	18 - 44	1,8 - 4,4	"-"	20	60
3	36 - 71	45 - 89	4,5 - 8,9	MED	40	40
4	> 71	> 89	> 8,9	"+"	60	25

Rinse Aid

To fill the rinse aid compartment

1. Open the rinse aid compartment by turning and removing the cap as shown in figure5.
2. Fill the rinse aid compartment until the rinse aid indicator goes dark, as shown in figure 6 (where "a" indicates the compartment is empty, and "b" indicates the compartment is full).
3. Replace the cap, ensuring the markers on the cap line up with the compartment prior to screwing the cap back in place.

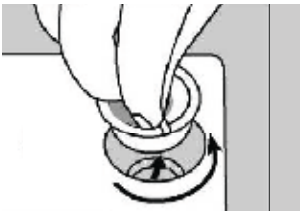


fig. 5

Rinse Aid Adjustment

The level of rinse aid use is preset to 3. You can adjust the level of rinse aid use by adjusting as shown in figure 7.

If water stains form on the dishes after a wash, the level should be increased.

If blue stains which can be wiped away are left on the dishes after a wash, the level should be decreased.

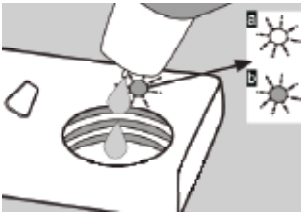


fig. 6

Please note: Rinse aid ensures better quality wash results and increased drying performance.

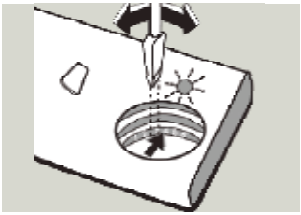


fig. 7

General Information

To adjust the height of the upper basket:

- Open the basket retaining clips, as shown in figure 8, by turning them to the side.
- Remove the upper basket, and relocate the alternate set of wheels on the runner, as shown in figure 9, pushing the basket back into place.
- Close the basket retaining clips.
- The images below are designed as guidance as to best practice for loading the dishwasher.

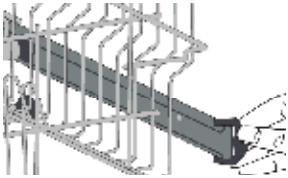


fig. 8

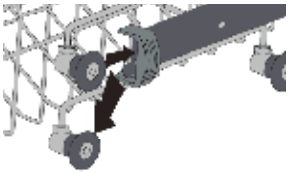


fig. 9

Information on reference tests implemented in compliance with EN 50242

Appliance loaded in accordance with standard specifications.

Example of loaded dishwasher: See below.

Capacity: 9 place settings

Reference programme: Light wash

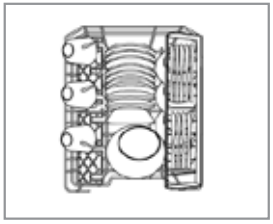
Rinse-aid setting: 5

Detergent: 5g+22g

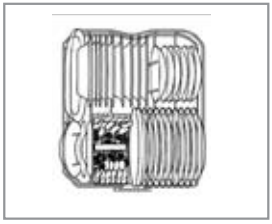
Height-adjustable top-basket must be fitted in the uppermost position.

If the reference tests do not comply fully with EN 50242, e.g., degree of soiling, type of dishes and cutlery, etc., contact the appliance manufacturer before starting the test.

Upper basket



Lower basket



Technical Information

Width	44.6 cm
Depth	55 cm
Height	82 cm
Capacity	9 standard place settings
Mains water pressure	0.03-0.6 MPa
Power voltage	220-240V ~50 Hz
Rated current input	10 A
Total absorbed power	1950 W

Programme Listing

Programme names and temperatures	Intensive 70° wash	Normal 55° wash	Economic 50° wash	Glass 45° wash	Rapid wash 40° wash	Prewash No heat
Level of soil	High	Medium	Medium	Small	Small	NA
Detergent amount A=Main B=Prewash	A+B	A+B	A+B	A	A	NA
	Hot prewash	Cold prewash	Cold prewash			Prewash
	70° wash	55° wash	50° wash	45° wash	40° wash	
	Cold rinse	Cold rinse	Cold rinse	Warm rinse	Cold rinse	
	Hot rinse	Hot rinse	Hot rinse	Hot rinse		
	Dry	Dry	Dry	Dry		
	End	End	End	End	End	End
Programme duration (mins.) standard/ quick	112/94	102/90	162/140	92/82	12/12	32/28
Electricity consumption (kW hours) standard/ quick	1.36/1.25	1.00/0.93	0.80/0.76	0.75/0.65	0.02/0.02	0.27/0.24
Water consumption (litres) standard/ quick	18/16	15/14	14/13	12/10	3/3	9/8

The values and times provided above have been obtained under laboratory conditions according to relevant standards. This information can change depending on the conditions of the dishwasher's use and environment. (mains supply voltage, water pressure, water input temperature and environment temperature).

Laboratory measured value in accordance with European standard EN50242

Care and Maintenance

Before beginning any care or maintenance, you should always disconnect the appliance from the electricity supply, and also turn off the water supply.

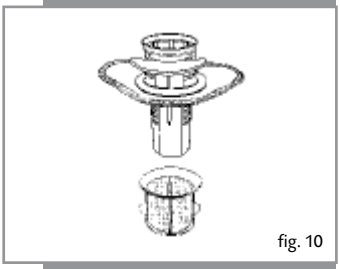


fig. 10

Door seals

Wipe the dishwasher door seals regularly with a damp cloth to remove any residue.

Filters

You should clean the filters at least once a month.

- Remove the lower basket
- Remove the filter assembly by pulling upwards on the cup handle
- Remove the fine filter from the filter

You should clean and rinse the filters thoroughly before replacing the filters in reverse order to that above.

Please note: Never run a programme without the filters in place. Incorrect fitting of the filters may reduce wash performance and potentially damage your appliance.

Spray arms

You should clean the spray arms at least once a month.

- Remove the lower basket.
- Pull the spray arm upwards to remove it.
- To remove the upper spray arm, first remove the nut on the upper spray arm by turning it as shown.

You should clean the upper spray arms thoroughly before replacing them.

Ensure that the upper spray arm nut is securely tightened when refitting the upper spray arm.

Dishwasher interior

To deal with accumulation of dirt, oil or limescale in the dishwasher, run an intensive programme with detergent when the dishwasher is empty. Alternatively, there are specialist dishwasher cleaners available that can be used.

Failure Codes and Troubleshooting

The programme indicators also serve as a diagnostic display to help in the event of a problem with the appliance.

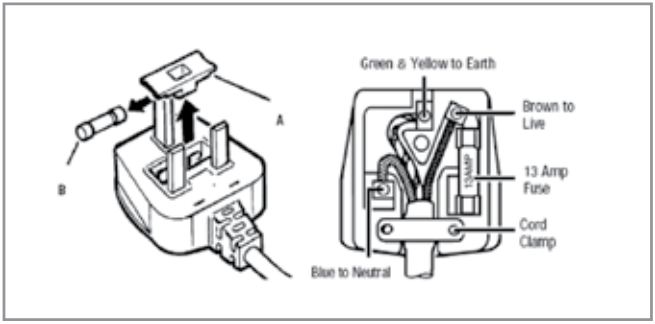
Error code						Error description	Advice
Intensive	Normal	Eco	Glass	Prewash	Rapid		
☼	☼					Door problem	Make sure the door is closed properly.
☼	☼	☼				Water problem	Make sure the water inlet tap is fully open. Make sure the water supply hose is not kinked or bent. Close the water tap, separate the water inlet hose from the tap and clean the filter. Make sure the drain hose is correctly installed.
☼		☼	☼			Drain fault	Make sure the drain hose is not kinked or bent. Make sure the drain hose is correctly installed.
☼			☼			Siphoning	Make sure the drain hose is correctly installed.

Failure Code and Troubleshooting

Problem	Possible cause
The programme will not start	Check the plug, fuse and circuit breakers of the mains supply The water tap is turned off The dishwasher door is not fully closed The water inlet filter or the machine filters are blocked
Water remains inside the dishwasher at the end of the programme	The water drain hose is blocked or kinked. The filters are blocked
The dishwasher stops in the middle of a programme	Power failure Water inlet failure Programme is on standby
Wash performance is of a low standard	Poor loading of dishes hinders wash performance. Insufficient detergent added Inappropriate wash programme selected Spray arm blocked Filters clogged or incorrectly fitted Water drain pump blocked
White stains on the dishes	Insufficient detergent added Rinse aid setting is too low Insufficient dishwasher salt added Water softener setting is too low Salt compartment cap not completely closed
The dishes are not completely dry at the end of the programme	A programme without a drying stage was selected Rinse aid setting is too low Dishes unloaded too soon (allow time for drying)
There are rust stains on the dishes	Different sets of cutlery should be kept separate Too much salt (Water softener setting is too high) Salt compartment cap not completely closed Poor appliance earth (check mains electrical supply)
The door is not opening or closing properly	Door tension not correctly adjusted for the décor door

Electrical information

Warning! This appliance must be earthed.



The mains lead of this appliance has been fitted with a BS 1363A 13 amp fused plug. To change a fuse in this type of plug, follow the steps below:

1. Remove the fuse cover and fuse.
2. Fit replacement 13A fuse, ASTA approved to BS 1362 type, into the fuse cover.
3. Replace fuse cover.

Important: Do not use the appliance without the fuse cover in position.

How to connect an alternative plug

If the fitted plug is not suitable for your socket outlet, then it should be cut off and disposed of safely to avoid the risk of electric shock. A suitable alternative plug of at least 13 Amp rating to BS 1363 should be used.

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:-

- The wire which is coloured GREEN and YELLOW must be connected to the terminal which is marked with letter (E) or by the Earth symbol ⏚ or coloured GREEN and YELLOW.
- The wire which is coloured BLUE must be connected to the terminal which is marked with the letter (N), or coloured BLACK or BLUE.
- The wire which is coloured BROWN must be connected to the terminal which is marked with the letter (L) or coloured RED or BROWN.

If in doubt regarding the electrical connection of this appliance, consult a qualified electrician. Do not shorten the supply cable, the appliance may require removing for servicing.

N.B. Ensure that the plug socket is situated in an easily accessible place.

Installation

- Do not install this appliance if it is damaged in any way. Installing a damaged appliance may invalidate the warranty.
- The water supply tap should be located in an adjacent cupboard so that it can be accessed after installation.
- Ensure the appliance is level by adjusting the feet as necessary.
- Only use the water inlet supplied with the appliance.
- If the water pressure is above 10 bar, a pressure relief valve should be used.
- After connecting the water supply, check to ensure there are no leaks.
- The water outlet can either be connected to a water drain or to a sink outlet spigot. This connection should be at a minimum of 50 cm and a maximum of 110 cm from the floor. The drain hose should be no longer than 4m in length to ensure good performance from the dishwasher.

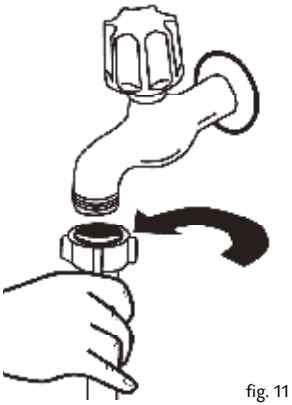


fig. 11

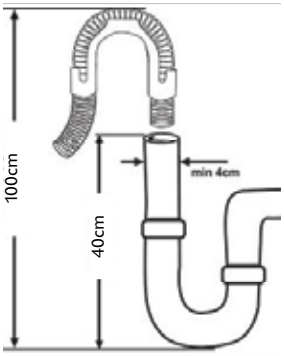


fig 15

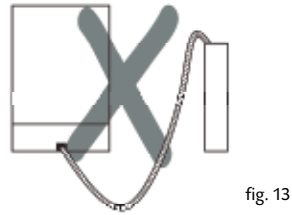


fig. 13

|C|D|A|

To contact our Customer Care Department, or for Service,

please contact us on the details below.

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